

# **A METHOD OF SPARING MEMORY DEVICES CONTAINING PINNED MEMORY**

## **ABSTRACT OF THE DISCLOSURE**

5           Embodiments of the present invention may provide a method of sparing and  
removing pinned or interleaved memory. When a memory device failure is predicted in a  
device containing pinned memory, a request may be made for the de-allocation of a freeable  
memory range **304**. When the request for de-allocating the freeable range of memory is  
accepted **306**, the memory data from the failing memory device may be copied to one or  
10 more de-allocated memory devices **308**. Requests directed to the failing memory device  
may be re-routed to the replacement memory device(s) **310** and the memory without the  
deactivated memory device **312** may be re-interleaved.